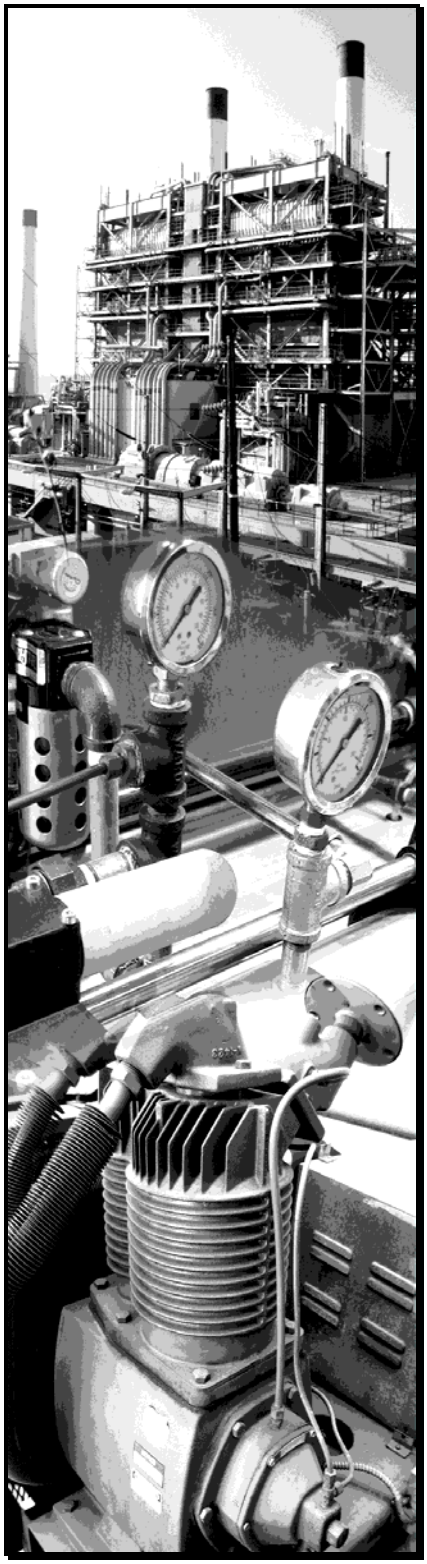
Workshops to Improve Productivity by Investing in Energy Efficiency

Your energy costs can be reduced 10-20% or more by implementing industrial best practices! Learn how by signing up for one or more of these BestPractice Workshops today!



Workshop descriptions - See reverse for complete schedule of classes.

Compressed Air Challenge: Fundamentals of Compressed Air
Many industries use compressed air systems as power sources for tools and equipment used for pressurizing, atomizing, agitating, and mixing applications. The goal of this workshop is to improve the efficiency and reliability of industrial compressed air systems and in the process help industry reduce operating costs and increase production.
For complete course information:
http://www.oit.doe.gov/bestpractices/compressed_air/

Fan System Assessment
Optimizing industrial fan systems can take many forms, but any fan optimization project must meet the needs of the process. This workshop highlights the benefits of fan system optimization and examines fan system performance characteristics and practical issues concerning measurement data.
For complete course information:
http://www.oit.doe.gov/bestpractices/training/fsat_training_sessions.shtml

Motor Systems Management
The Motor Systems Management training is designed for facility personnel to reduce energy costs and increase the reliability of their systems. During this one-day workshop you will learn how to: evaluate and select optimum motors for different industrial applications; record motor tracking inventory and maintenance actions; develop and use guidelines for motor repair and rewind; use the electric power system and management of power transmission and driven loads as they relate to motor operation; use and establish an effective motor systems maintenance plan.
For complete course information: http://www.oit.doe.gov/bestpractices/motors/

Process Heating Assessment
Process heating is vital to nearly all manufacturing processes, supplying heat needed to produce basic materials and commodities. Heating processes consume about 5.2 quadrillion Btu of energy annually, which accounts for nearly 17 percent of all industrial energy use. Advanced technologies and operating practices offer significant savings opportunities in process heating, with the potential to reduce energy consumption an additional 5 to 25 percent in the next decade. For complete course information: http://www.oit.doe.gov/bestpractices/process_heat/

Pump System Assessment
This workshop covers practical issues involved in field measurements of fluid and electrical data and presents the Pump System Assessment Tool (PSAT) used to assess the performance of pump systems. Learn how the software functions, what data is required, how to use the software when measured data are not available, and what the assessment results mean.
For complete course information:
http://www.oit.doe.gov/bestpractices/training/pump_training_sessions.shtml

Steam System Assessment
Over 45% of all the fuel burned by U.S. manufacturers is consumed to raise steam. Steam is used to heat raw materials and treat semi-finished products. It is also a power source for equipment, as well as for building heat and electricity generation. Approximately $18 billion (1997 dollars) is spent annually fueling boilers to generate steam. Many manufacturing facilities can recapture energy through the installation of more efficient steam equipment and processes. A typical industrial facility can realize steam savings of 20% by improving their steam system.
For complete course information: http://www.oit.doe.gov/bestpractices/steam/

For a workshop schedule in your area see the reverse side.

These DOE workshops are sponsored by: California Energy Commission, California Department of Conservation, California Integrated Waste Management Board, local industry and are hosted **by your local utility.**

WINTER/SPRING 2005

California BestPractice & Efficiency Training Workshops

Industrial BestPractice workshops & technical training sessions are targeted to: maintenance supervisors, plant engineers, and industry personnel responsible for the operation or maintenance of these systems.

Date	Host	Course	To Register
Jan. 25	SCE CTAC	CAC Fundamentals Of Compressed Air	http://www.sce.com/ctac
Jan. 25-27	SoCalGas	Steam Systems Qualification	http://www.socalgas.com/regulatory/workshop/
Feb 15	LADWP	Motor Systems Management	http://www.ladwp.com/ladwp/cms/ladwp006431.pdf
Feb. 22	SCE CTAC	Steam System Assessment	http://www.sce.com/ctac
Feb. 24	SCE AgTAC	Steam System Assessment	http://www.sce.com/agtac
Mar. 2	PG&E-Stockton	CAC Fundamentals of Compressed Air	http://www.pge.com/education_training/classes/energy_efficiency/
Mar. 3	PG&E-San Ramon	CAC Fundamentals of Compressed Air	http://www.pge.com/education_training/classes/energy_efficiency/
Mar. 8	SCE CTAC	Pump System Assessment	http://www.sce.com/ctac
Mar. 10	SCE AgTAC	Pump System Assessment	http://www.sce.com/agtac
Apr. 5	PG&E-Stockton	Pump System Assessment	http://www.pge.com/education_training/classes/energy_efficiency/
Apr. 6	PG&E-Campbell	Pump System Assessment	http://www.pge.com/education_training/classes/energy_efficiency/
Apr. 7	SCE AgTAC	Process Heating Assessment	http://www.sce.com/agtac
Apr. 12	PG&E-Stockton	Steam System Assessment	http://www.pge.com/education_training/classes/energy_efficiency/
May 5	SMUD	Cleanroom Benchmarking Biotech & Electronic Industry	https://usage.smud.org/yourAccount/ETCstudent/classlist.asp
May 17	SCE CTAC	Motor Systems Management	http://www.sce.com/ctac
May 19	SCE AgTAC	Motor Systems Management	http://www.sce.com/agtac
Jun. 14	SCE AgTAC	Fan System Assessment	http://www.sce.com/agtac
Jun. 15	SCE CTAC	Fan System Assessment	http://www.sce.com/ctac

Host Location

L. A. Department of Water & Power (LADWP)	111 North Hope St.	Los Angeles, CA 90012	(213) 367-4828
Sacramento Municipal Utility District (SMUD)	6301 S Street	Sacramento, CA 95812	(916) 732-5375
Pacific Gas & Electric (PG&E)			
Campbell	1 W Campbell Ave.	Campbell, CA 95008	(209) 932-2529
San Ramon	3301 Crow Canyon Rd.	San Ramon, CA 95483	(209) 932-2529
Stockton	1129 Enterprise St.	Stockton, CA 95204	(209) 932-2529
Southern California Edison (SCE)			
Customer Technology Application Center (CTAC)	6090 Irwindale Ave.	Irwindale, CA 91702	(626) 812-7370
Agricultural Technology Application Center (AgTAC)	4175 S. Laspina	Tulare, CA 93274	(559) 625-7127
Southern California Gas Company (SoCalGas)	9240 Firestone Blvd.	Downey, CA 90241	(562) 803-7570

For General Information Contact:
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In partnership with the US Department of Energy, the California Department of Conservation, and the California Integrated Waste Management Board.
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